

2018 Green Power Switch News



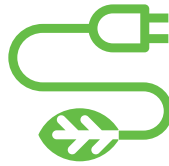
Green Power Switch by the numbers

2017 program participation:

10,632
Residential Participants

428
Business Participants

Renewable energy supported:



65,726 MWh

This generation has an environmental benefit similar to¹:



or



or



Keeping 108 million pounds of CO₂ out of the atmosphere

Planting 57,600 acres of trees

Not driving a car for 120 million miles

Community Solar: Shared Solar Solutions

You may have heard about new solar projects popping up in the Tennessee Valley offering customers the opportunity to purchase shares in solar arrays — commonly known as community solar. These projects provide members of the community the option to share the benefit of solar power, even if they are unable to install solar panels on their home or business (due to upfront cost or lack of installation sites).

Although the structure of community solar projects can vary, many projects allow customers to subscribe to the energy output of individual solar panels. Customers pay a one-time upfront fee or a monthly subscription based on the number of panels they select. A solar credit is then applied to the customer's monthly electric bill based on the amount of energy generated by their panels. No installation, no maintenance — just a shared solution that lowers the barriers to participating in renewable energy.

EPB of Chattanooga's Solar Share is one of the newest community solar projects in the Valley. Located near downtown Chattanooga, the project was created through a partnership with the Tennessee Valley Authority. After launching in summer 2017, the project is expected to generate about 1.8 million kilowatt-hours of electricity in a year — enough to power 130 homes!²

Check with your Local Power Company to inquire about community solar options near your, or visit www.tva.gov/Energy/Valley-Renewable-Energy to learn about other renewable energy solutions available in the Tennessee Valley.



ARE YOU MOVING? OR PLANNING A MOVE?

You'll need to re-enroll in Green Power Switch at your new residence. Contact your Local Power Company to ensure that your Green Power Switch enrollment is transferred to your new residence so you can continue going green!

¹ www.epa.gov/energy/greenhouse-gas-equivalencies-calculator. Green-e Energy does not certify or verify carbon emissions claims or methodologies for calculating emissions related to biogas.


² <https://epb.com/about-epb/news/articles/epb-launches-solar-share-an-easy-option-for-locally-generated-renewable-energy>

In 2018, GPS will include more solar than ever before! See the Product Content Label below to read more about all the resources included in your Green Power Switch mix this year.

2018 PROSPECTIVE PRODUCT CONTENT LABEL




Green Power Switch is a voluntary renewable energy program from Tennessee Valley Authority and participating local power companies.

The product is sold in blocks of 150 kilowatt-hours (kWh), and is made up of the following new renewable resources.

 Green Power Switch is Green-e Energy certified, and meets the environmental and consumer protection standards set forth by the non-profit Center for Resource Solutions. Learn more at www.green-e.org.

Green-e Energy Certified
New² Renewables
in Green Power Switch

General Location

	70% SOLAR	AL, GA, KY, MS, NC, TN or VA
	20% WIND	AL, GA, KY, MS, NC, TN or VA
	10% BIOMASS	AL, GA, KY, MS, NC, TN or VA

1. These figures reflect the electricity that we have contracted to provide. Actual figures may vary according to resource availability. We will annually report to you before August 1 of next year in the form of a Historic Product Content Label the actual resource mix of the electricity you purchased.

2. New Renewables come from generation facilities that first began commercial operation within the past 15 years. For comparison, the current average mix of resources TVA has purchased or generated includes: Nuclear (38%), Coal (25%), Natural Gas and/or oil (20%), Hydroelectric (9%) Wind (3%), Co-gen (1%), Other Non-renewable (3%), and Other Renewable (<1%). [Source: TVA CY2017]

The average home in the Tennessee Valley uses 1200 kWh per month. [Source: TVA]

For specific information about this electricity product, please contact your local power company or TVA Green Power Switch at greenpowerswitch@tva.gov, the toll free Renewable Energy Information Call Center at 1-866-673-4340, or visit www.greenpowerswitch.com.